



Attorney Docket No. 47121-5020
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **PATENT APPLICATION of:**

Timo NIEMI et al.

Application No.: 10/586,043

Filed: July 14, 2006

FOR: ARRANGEMENT FOR DATA
TRANSMISSION IN MINE, AND CABLE
REEL

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: Confirmation No.: 1710
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: Group Art Unit: 3673
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: Examiner: Kreck, John J.
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INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window Mail Stop: Amendment
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO Form 1449. To the undersigned's knowledge, this IDS is being filed before the mailing date of a first Office Action on the merits, before the mailing date of a first Office Action on the merits after filing an RCE under § 1.114, or within three months of the application filing date.

A Finnish Office Action dated September 13, 2004 and a second Finnish Office Action dated March 2, 2006 from a counterpart, related, or other application and having documents cited thereon is attached for the Examiner's consideration. Any of these documents not previously cited, and any additional documents are listed on the PTO Form 1449.

Applicant respectfully requests that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form. As for any document listed on the accompanying PTO-1449 that is in a language other than English, relevance can be understood from an enclosed English abstract or at least partial translation or from mention in the specification or in a search report for a corresponding application.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that any of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should any of the documents be applied against the claims of the present application.

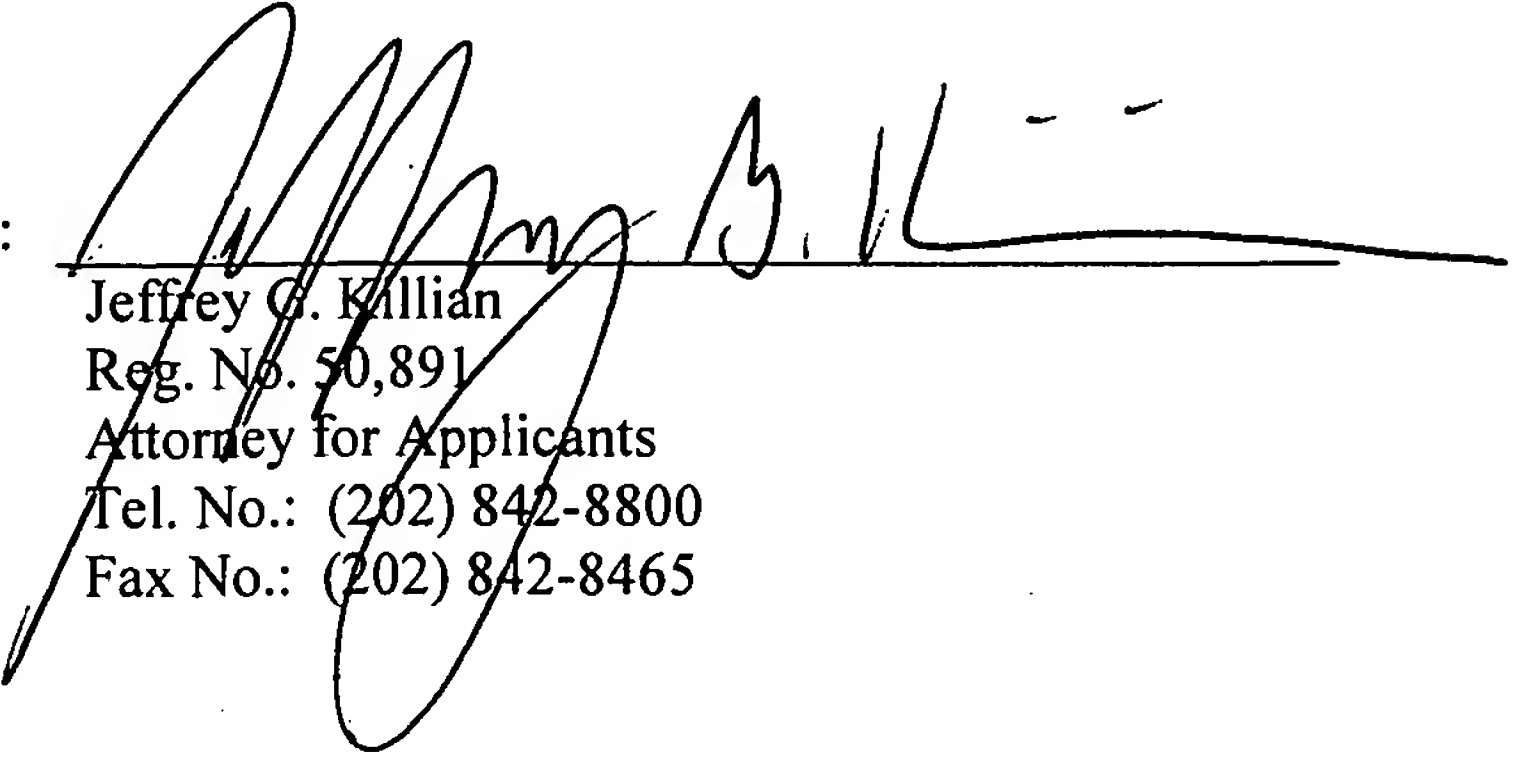
Should any questions arise in connection with this application, or should the Examiner believe a telephone conference would be helpful in resolving any remaining issues pertaining to this application, it is respectfully requested that the undersigned be contacted at the number indicated below.

Except for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this Application, including fees due under 37 C.F.R. § 1.16 and 1.17 which may be required and including any required extension of time fees, or credit any overpayment to Deposit Account No. 50-0573. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

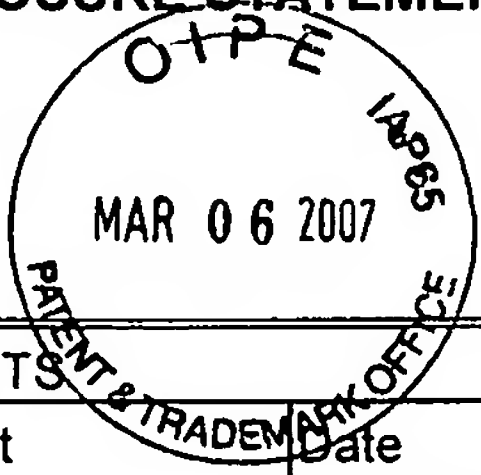
Respectfully Submitted,

Date: March 6, 2007
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FORM PTO-1449 (modified) To: U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date: March 6, 2007	Attorney Docket No.	Client Ref.
	47121-5020	
	Applicant: Timo NIEMI et al.	
	Appln. No.: 10/586,043	
	Filing Date: July 14, 2006	
	Examiner: Kreck, John J.	Group Art Unit: 3673



U.S. PATENT DOCUMENTS						
Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	4,583,700	04/1986	Tschurbanoff		
	BR	4,700,023	10/1987	Hillman et al.		
	CR	5,268,982	12/1993	Schaffer et al.		
	DR	4,102,445	07/1978	Eurom		
	ER	4,401,360	08/1983	Streckmann et al.		
	FR					
	GR					
	HR					

FOREIGN PATENT DOCUMENTS						English Abstract		Translation Readily Available	
		Document Number	Date MM/YYYY	Country	Inventor/Applicant Name	Enclosed	No	Enclosed	No
	IR	812108 (64254)	01/1983	FI	Tschurbanoff	X			
	JR	830490 (75453)	09/1983	FI	Gr-Oetringhaus	X			
	KR	860450 (81219)	08/1986	FI	Hillman et al.	X			
	LR	0230720 A2	08/1987	EP	Vallis				
	MR	2057707 A	04/1981	GB	Toda et al.				
	NR	1024383 A1	08/2000	EP	Iwasaki				
	OR								
	PR								

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)									
	QR								
	RR								
	SR								
	TR								
	UR								
	VR								
	WR								
	XR								

Examiner	Date Considered:
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	